




Memo

date: July 28, 2009
to: RSC
from: D. Beavis 
subject: Labyrinth and Shielding Walls at STAR

In examining the shielding at STAR for future changes for the HFT it was noticed that there may be several areas of concern. I have not had time to refer to the documents and reviews of the construction but these concerns should be resolved by the next run. This is listed on the check-off item database. (Ck-RHIC-fy10-260)

The two labyrinths appear to have a possible single bounce component for faults near the end of either DX magnet.

The end wall of the labyrinths has a three-foot thickness above 12 feet. There is no posting to prevent work at heights in these areas.

There is a section of wall very high above the removable shielding that has a thickness of three feet. There is a catwalk potentially at the same elevation for the crane and the caged ladder has no posting.

Again, I note that these may have been addressed previously. The potential fault doses should be examined for present and potential future operation.

CC:

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